



**The  
Ground  
Plane**

South Bay  
Amateur  
Radio  
Association  
ARRL Member Club  
Since 1974



**Volume 2 Edition 11**

**November , 2001**



Our thoughts go out to all of the people affected with the loss that the Nation has experienced on September 11, 2001.



### Presidents Message SBARA 2001 President—Mike AB6CV

The November meeting will be devoted to elections. I would like to get this out of the way so that the new management team will be in place for next year. Please consider running for any office that strikes your interest! It is always nice to get new people in place with their new ideas. It is not terribly hard to be a SBARA officer. A management meeting is held one week prior to the club meeting to catch up on club business and discuss related business.

I think we might have a few odds and ends at the meeting to fill up any extra time we might have after/before elections.

Please consider helping out with Prima Vera. We need some volunteers to take over the coordination of this important SBARA event. The club is committed to this event and will help out in any way we can.

### November Program

Elections—See you at 7:30 November 21st, 2001 at the Community Center in Fremont.

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## **SBARASAT Update**

**By—Mike AB6CV**

With the addition of a new volunteer, Bojan, we have someone who can lay out our circuit boards. He was able to do in 2 days what we had been struggling with for months. So I think our enthusiasm has really picked up lately. The first couple of board designs have been shipped off to a circuit board house for production. We are having them make the battery board and a break-out board first. We will need some power to run the other boards so it is pretty important to get it done first. We are working to finalize our schematics so we can get them made into circuit boards. We have made some huge improvements in just the last week. When we get our engineering prototype done I will make sure to bring it to a SBARA meeting.

I have already run tests with the computer board to try commanding and telemetry. It worked fine by the way.

The antenna is a steel carpenter's tape measure. It is 1/4 inch wide. We wrap the antenna around the satellite in a special channel that is machined out of the satellite structure. Then the antenna is held down with fishing line. The fishing line will be cut at one end to allow the antenna to deploy. We are not allowed to produce "garbage" so we have to keep a hold of the other end. To cut the line we plan on heating up a nichrome wire. That will melt through the fishing line. Otherwise the Sun's UV rays will destroy the line anyway in a week or two. Space is a rather hostile environment. There is a switch that lets us know when the line is cut. The antenna deployment mechanism is a rather interesting gadget all by itself. Maybe we can work up a test model to play with at a meeting?

Now you know where all my spare time goes. hihi

73,

Mike AB6CV

### **November is Election Month The new officers begin their term - January 2002**

#### **Here are the offices and present incumbents:**

President, Mike Struder-AB6CV

Vice-Presidents, Adam Lau-KF6UQS and  
Nathan Lau-KF6UQR

Treasurer-Jim Wood-KE6IVA

#### **We are fortunate in having the following volunteers who are appointed by the incoming president:**

Programs Facilitator, Al Rendon-WT6K

Photographer, Sam-W6S

Webmaster-Tony Flusche-AB6BR

Newsletter Editor, Bill Artelt-WB9YVM

**SBARA HOLIDAY DINNER**  
**Saturday, December 15,**  
**7:00 P.M.**

**SBARA HOLIDAY DINNER**

SBARA President Mike asked several of us to make arrangements for our annual holiday dinner. We quickly found that we were not moving too soon. The first choice was the Olive Garden but it has a new policy, namely, no reservations on Friday, Saturday or Sunday

After considering our choices we selected Lucia's restaurant. It is no longer at its old place on N. Mowry, but has taken over the location previously occupied by Daly's. This is in a shopping center at Mowry and Blacow. The place has been made very attractive and we will have a large private room all to ourselves. Lucia now has a large full-bar and will serve anything you might want; the old Lucia was licensed for beer and wine only. Saturday, December 8, our usual dinner date was already reserved by another club.

Because we will have a fairly large group it is necessary for Lucia to limit our selection to four entrees. Your planning committee made the selection of these four and are listed below. Next month we will contact you through the newsletter to learn what you picked out of the four. The restaurant has the club's deposit, so no advanced payment on your part is needed. You can pay the night of the dinner; an individual check with sales tax and 15% tip added will be presented to you.

Lucia has an excellent selection of Italian food, all very good. **So save the date and join us.** We will have with us some friends from "Baker to Vegas", and others that we haven't seen for a while.

# SBARA HOLIDAY DINNER

## Saturday, December 15, 7:00 P.M.

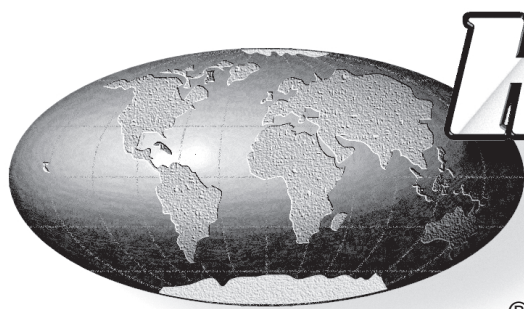
### Menu Selections

**All prices include SALES TAX and TIP. (15%)**

Entrees-all served with salad and French bread.  
Non-alcoholic beverage is included.

1. **Pastaprimavera** fresh vegetables sautéed with garlic, caramelized onion, wine and chicken broth. Spaghetti or mostacioli. ----- \$16.25
  2. **Cannelloni** filled with mixture of cheeses, Swiss chard and Italian sausage baked, in meat sauce and topped with mozzarella cheese----- \$17.00
  3. **Veal Parmigiana**, breaded and grilled, topped with meat sauce and pasta-----  
----- \$24.00
  4. **Fettuccine Alfredo**----- \$17.30
  5. **Children's Menu** (under 12 years old), spaghetti, spaghetti with meatballs or Cannelloni----- \$ 8.80
-

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